| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--|---------------------|---------|------------------|
| L1 | 2 | ("6375981").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 06:24 |
| L2 | 0 | L1 and (propylene) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:25 |
| L3 | 2977 | propylene adj2 glycol adj2 alginate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:26 |
| L4 | 2920 | propylene adj glycol adj alginate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:29 |
| L5 | 1904 | I4 and ((sodium or potassium or ammonium) near5 (alginate)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:27 |
| L6 | 1904 | I4 and I5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:27 |
| L7 | 1624 | l6 and (gel or film or capsule) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:28 |

| L8 . | 682 | I7 and (carrageenan and starch and (polyol or sorbitol or glycerin)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:28 |
|------|------|--|--|----|----|------------------|
| L9 | 26 | ((propylene) adj (glycol) adj (alginate)) near (gel or film or capsule) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:39 |
| L10 | 122 | ((propylene) adj (glycol) adj (alginate)) and ((sodium adj alginate) or (potassium adj alginate) or (ammonium alginate)) near (gel or film or capsule) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:01 |
| L11 | 1 | L1 and water | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:21 |
| L12 | 1 | 10/824919 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:21 |
| L13 | 1 | L12 and (cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:23 |
| L14 | 1123 | (alginate) with (cation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:28 |
| L15 | 0 | ((alginate) with (cation)) near (stability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:29 |

| 140 | | // 1. / A. / W. / W. A. | T | | | |
|-----|------|---|--|----|-----|------------------|
| L16 | 4 | ((alginate) with (cation)) near (crosslink or thermo or thermorevers) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:31 |
| L17 | 4 | ((alginate) with (cation)) near (crosslink or thermo or thermorevers or effect) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:31 |
| L18 | 0 | ((alginate) with (cation)) near (film or formation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:31 |
| L19 | 2073 | "424/451".CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 08:54 |
| L20 | 1964 | L19 and (thermoreversible or (gel adj3 film) or film or alginate or starch or carrageenan or cellulose or pectin or hydrocolloid or capsule or (propylene adj3 glycol) or glycerin or sorbitol) | US-PGPUB; USPAT | OR | ON | 2007/08/30 08:55 |
| L21 | 1993 | L19 and (thermoreversible or (gel adj3 film) or film or alginate or starch or carrageenan or cellulose or pectin or hydrocolloid or capsule or (propylene adj3 glycol) or glycerin or sorbitol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:55 |
| L22 | 1855 | I21 and (capsule) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:55 |
| L23 | 2 | (("6517865") or ("6509311")).PN. | USPAT | OR | OFF | 2007/08/30 09:00 |
| S1 | 1 | 10/824919 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 06:24 |

8/30/2007 9:03:48 AM

Page 3

| S2 | 1 | S1 and (polyvalent adj cation) | US-PGPUB; | OR | ON | 2007/06/05 13:38 |
|-----------|------|-------------------------------------|--|----|-----|------------------|
| 02 | | Tand (polyvalent auj cation) | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 13:36 |
| S3 | 2 | ("5089307").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 13:38 |
| S4 | 15 | ((JAMES) near2 (MODLISZEWSKI)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 07:36 |
| S5 | 58 | ((ARTHUR) near2 (BALLARD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:59 |
| S6 | 14 | ((CHRISTOPHER) near2 (SEWALL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 07:36 |
| S7 | 16 | ((WILLIAM) near2 (BLAKEMORE)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:55 |
| S8 | 35 | ((PETER) near2 (RILEY)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:48 |
| S9 | 2070 | "424/451".CCLS. | US-PGPUB; USPAT; USOCR | OR | ОИ | 2007/08/29 07:56 |
| S10 | 87 | hydrozylate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 08:54 |
| S11 | 1 | 10/824919 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ОИ | 2007/08/29 09:41 |
| S12 | 1 | S11 and (PGA) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 09:41 |

| S13 | 213 | ("2802000" "2813093" "2825727" "2876217" "20020081331 " "20020142031" "20030138482" "20040087669" "2004018 0083" "20050037064" "20050069579" "20050070703" "200 50089548" "20050163833" "3058827" "3094517" "3176003" "3329509" "3378546" "3499962" "3505110" "3607394" "38 65603" "3958173" "3962482" "4009291" "4026986" "409632 7" "4129134" "4231803" "4276320" "4443486" "4600439" "4 615897" "4626288" "4632848" "4643894" "4725441" "47387 24" "4795642" "4828841" "4935243" "5002934" "5051304" " 5089307" "5146730" "5224989" "5264223" "5334640" "5342 626" "5431917" "5451673" "5484598" "5525368" "5549983" "5550178" "5554385" "5569466" "5587412" "5614217" "56 20757" "5646206" "5656294" "5672699" "5726008" "575612 3" "5804243" "5811388" "5817323" "5820259" "5932639" "5 976586" "6030641" "6063915" "6066368" "6099876" "61433 24" "6146570" "6210709" "6214376" "6331205" "6340473" " 6375981" "6387354" "6479649" "6517865" "6528088" "6582 727" "6607748" "6649188" "6790495").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 10:54 |
|-----|-----|--|--|----|-----|------------------|
| S14 | 170 | S13 and (thermoreversible or (gel adj3 film) or film or alginate or starch or carrageenan or cellulose or pectin or hydrocolloid or capsule or (propylene adj3 glycol) or glycerin or sorbitol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 11:35 |
| S15 | 2 | ("5549983").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 11:36 |
| S16 | 2 | ("5459983").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 11:36 |
| S17 | 213 | ("2802000" "2813093" "2825727" "2876217" "20020081331 " "20020142031" "20030138482" "20040087669" "2004018 0083" "20050037064" "20050069579" "20050070703" "200 50089548" "20050163833" "3058827" "3094517" "3176003" "3329509" "3378546" "3499962" "3505110" "3607394" "38 65603" "3958173" "3962482" "4009291" "4026986" "409632 7" "4129134" "4231803" "4276320" "4443486" "4600439" "4 615897" "4626288" "4632848" "4643894" "4725441" "47387 24" "4795642" "4828841" "4935243" "5002934" "5051304" " 5089307" "5146730" "5224989" "5264223" "5334640" "5342 626" "5431917" "5451673" "5484598" "5525368" "5549983" "5550178" "5554385" "5569466" "5587412" "5614217" "56 20757" "5646206" "5656294" "5672699" "5726008" "575612 3" "5804243" "5811388" "5817323" "5820259" "5932639" "5 976586" "6030641" "6063915" "6066368" "6099876" "61443 24" "6146570" "6210709" "6214376" "6331205" "6340473" " 6375981" "6387354" "6479649" "6517865" "6528088" "6582 727" "6607748" "6649188" "6790495").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 11:40 |

| S18 | 2 | ("5459983").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 11:40 |
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| S19 | 213 | ("2802000" "2813093" "2825727" "2876217" "20020081331 " "20020142031" "20030138482" "20040087669" "2004018 0083" "20050037064" "20050069579" "20050070703" "200 50089548" "20050163833" "3058827" "3094517" "3176003" "3329509" "3378546" "3499962" "3505110" "3607394" "38 65603" "3958173" "3962482" "4009291" "4026986" "409632 7" "4129134" "4231803" "4276320" "4443486" "4600439" "4 615897" "4626288" "4632848" "4643894" "4725441" "47387 24" "4795642" "4828841" "4935243" "5002934" "5051304" " 5089307" "5146730" "5224989" "5264223" "5334640" "5342 626" "5431917" "5451673" "5484598" "5525368" "5549983" "5550178" "5554385" "5569466" "5587412" "5614217" "56 20757" "5646206" "5656294" "672699" "5726008" "575612 3" "5804243" "5811388" "5817323" "5820259" "5932639" "5 976586" "6030641" "6063915" "6066368" "6099876" "61433 24" "6146570" "6210709" "6214376" "6331205" "6340473" " 6375981" "6387354" "6479649" "6517865" "6528088" "6582 727" "6607748" "6649188" "6790495").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 12:25 |
| S20 | 2 | "20030138482".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 12:26 |
| S21 | 2 | (("6340473") or ("6582727")).PN. | USPAT | OR | OFF | 2007/08/29 12:27 |
| S22 | 213 | ("2802000" "2813093" "2825727" "2876217" "20020081331 " "20020142031" "20030138482" "20040087669" "2004018 0083" "20050037064" "20050069579" "20050070703" "200 50089548" "20050163833" "3058827" "3094517" "3176003" "3329509" "3378546" "3499962" "3505110" "3607394" "38 65603" "3958173" "3962482" "4009291" "4026986" "409632 7" "4129134" "4231803" "4276320" "4443486" "4600439" "4 615897" "4626288" "4632848" "4643894" "4725441" "47387 24" "4795642" "4828841" "4935243" "5002934" "5051304" " 5089307" "5146730" "5224989" "5264223" "5334640" "5342 626" "5431917" "5451673" "5484598" "5525368" "5549983" "5550178" "554385" "5569466" "5587412" "5614217" "56 20757" "5646206" "5656294" "5672699" "5726008" "575612 3" "5804243" "5811388" "5817323" "5820259" "5932639" "5 976586" "6030641" "6063915" "6066368" "6099876" "61433 24" "6146570" "6210709" "6214376" "6331205" "6340473" " 6375981" "6387354" "6479649" "6517865" "6528088" "6582 727" "6607748" "6649188" "6790495").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 12:29 |

Page 6

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| S23 | 81 | ("2802000" "2813093" "2825727" "2876217" "20020081331 " "20020142031" "20030138482" "20040087669" "2004018 0083" "20050037064" "20050069579" "20050070703" "200 50089548" "20050163833" "3058827" "3094517" "3176003" "3329509" "3378546" "3499962" "3505110" "3607394" "38 65603" "3958173" "3962482" "4009291" "4026986" "409632 7" "4129134" "4231803" "4276320" "4443486" "4600439" "4 615897" "4626288" "4632848" "4643894" "4725441" "47387 24" "4795642" "4828841" "4935243" "5002934" "5051304" " 5089307" "5146730" "5224989" "5264223" "5334640" "5342 626" "5431917" "5451673" "5484598" "5525368" "5549983" "5550178" "5554385" "5569466" "5587412" "5614217" "56 20757" "5646206" "5656294" "5672699" "5726008" "575612 3" "5804243" "5811388" "5817323" "5820259" "5932639" "5 976586" "6030641" "6063915" "6066368" "6099876" "61433 24" "6146570" "6210709" "6214376" "6331205" "6340473" " 6375981" "6387354" "6479649" "6517865" "6528088" "6582 727" "6607748" "6649188" "6790495").PN. | USPAT | OR | ON | 2007/08/29 12:32 |
| S24 | 7 | ("6326028" "6635275" "20020122822" "20030211146" "20030084641" "20030085487" "20040052839").PN. | US-PGPUB; USPAT | OR | ON | 2007/08/29 12:33 |
| S25 | 7 | S24 and (thermoreversible or (gel adj3 film) or film or alginate or starch or carrageenan or cellulose or pectin or hydrocolloid or capsule or (propylene adj3 glycol) or glycerin or sorbitol) | US-PGPUB; USPAT | OR | ON | 2007/08/29 13:06 |
| S26 | 1 | ("5422134").PN. | USPAT | OR | OFF | 2007/08/29 13:06 |
| S27 | 1 | S26 and (thermoreversible or (gel adj3 film) or film or alginate or starch or carrageenan or cellulose or pectin or hydrocolloid or capsule or (propylene adj3 glycol) or glycerin or sorbitol) | US-PGPUB; USPAT | OR | ON | 2007/08/30 08:54 |
| S28 | 2 | ("5089307").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 14:16 |
| S29 | 0 | S28 and (capsule) | US-PGPUB; USPAT | OR | ON | 2007/08/29 14:16 |
| S30 | 35 | ((PETER) near2 (RILEY)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:48 |
| S31 | 17 | S30 and (alginate or alginic) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:48 |
| S32 | 16 | ((WILLIAM) near2 (BLAKEMORE)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:55 |
| S33 | 15 | S32 and (alginate or alginic) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:55 |
| S34 | 58 | ((ARTHUR) near2 (BALLARD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 15:59 |

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|-----|-----|------------------------------------|--|----|------|------------------|
| S35 | 8 | S34 and (alginate or alginic).clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/29 16:48 |
| S36 | 2 | ("6375981").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF. | 2007/08/29 16:49 |
| S37 | 0 | S36 and thermoreversible | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 17:04 |
| S38 | 4 | alginate near thermoreversible | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 16:50 |
| S39 | 332 | alginate and thermoreversible | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 16:51 |
| S40 | 60 | alginate same thermoreversible | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 16:51 |
| S41 | | S36 and homogenous | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 17:04 |
| S42 | 0 | S36 and (uniform or dispers\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 17:05 |

| S43 | 0 | S36 and (dissolv\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR | ON | 2007/08/29 17:05 |
|-----|---|---------------------|---|----|----|------------------|
| | | | DERWENT; | | | |